

**System Cheek\_E-Field\_835\_220417****DUT: HAC Dipole 835 MHz; Type: CD835V; SN: 1213**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C

DASY5 Configuration:

- Probe: EF3DV3 - SN4075; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 03/03/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1):** Interpolated grid:  
dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 127.8 V/m; Power Drift = 0.06 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 120.2 V/m

Average value of Total=(106.3+120.2) / 2 = 113.25 V/m

PMF scaled E-field

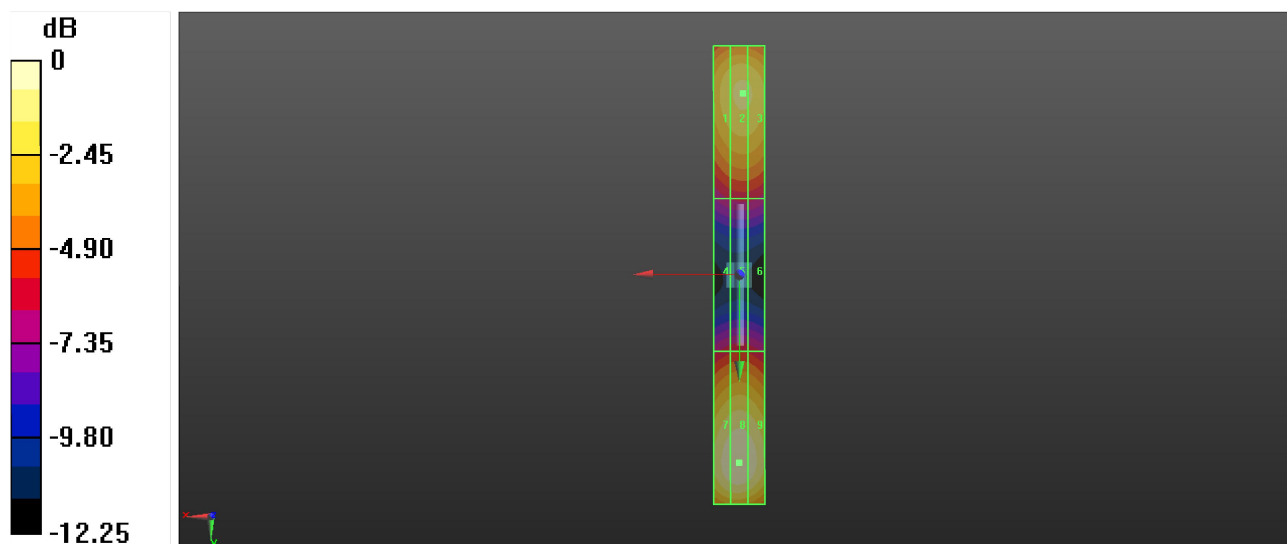
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M4</b><br><b>102.4 V/m</b> | Grid 2 <b>M4</b><br><b>106.3 V/m</b> | Grid 3 <b>M4</b><br><b>105.2 V/m</b> |
| Grid 4 <b>M4</b><br><b>63.64 V/m</b> | Grid 5 <b>M4</b><br><b>64.44 V/m</b> | Grid 6 <b>M4</b><br><b>63.79 V/m</b> |
| Grid 7 <b>M4</b><br><b>118.9 V/m</b> | Grid 8 <b>M4</b><br><b>120.2 V/m</b> | Grid 9 <b>M4</b><br><b>118.7 V/m</b> |

**Cursor:**

Total = 120.2 V/m

E Category: M4

Location: 0, 73.5, 8.7 mm



0 dB = 120.2 V/m = 41.60 dBV/m